



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **ONO, Shin-ichi**

Group Art Unit: **1655**

Serial No.: **10/606,803**

Examiner: **Amanda P. WOOD**

Filed: **June 27, 2003**

P.T.O. Confirmation No.: 5895

FOR: **CYTOTOXIC ASSAY AND NEW ESTABLISHED CELL LINE OF STURGEON  
ORIGIN**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(c)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

April 27, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

This Information Disclosure Statement is being submitted after issuance of a first official action on the merits and expiration of the three month period following the filing date or the entry of the national stage for the above-captioned application, but prior to issuance of either a final official action or a Notice of Allowance. A check is attached hereto which covers the \$ 180.00 fee set forth in 37 CFR 1.17(p).

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) concerning the PTO duty to consider and use any such information. It is respectfully requested that

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the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this statement to our Deposit Account No. 01-2340.

Respectfully submitted,

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DAG/xl  
Atty. Docket No. 030791  
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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449 and references (4)  
Check for \$ 180.00



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|---|------------------------------|-----------------------|
| <b>INFORMATION<br/>DISCLOSURE<br/>CITATION<br/>PTO-1449</b> | Atty. Docket No. 030791      | Serial No. 10/606,803 |
|   | Applicant(s): ONO, Shin-ichi |                       |
|   | Filing Date: June 27, 2003   | Group Art Unit: 1655  |

### U.S. PATENT DOCUMENTS

| Examiner<br>Initial | Document No. | Name | Date | Class | Subclass | Filing Date<br>(If appropriate) |
|---------------------|--------------|------|------|-------|----------|---------------------------------|
| _____               | AA           |      |      |       |          |                                 |
| _____               | AB           |      |      |       |          |                                 |

### FOREIGN PATENT DOCUMENTS

| Document No. | Date | Country | Translation<br>(Yes or No) |
|--------------|------|---------|----------------------------|
| _____        | AC   |         |                            |
| _____        | AD   |         |                            |

### OTHER DOCUMENTS

|                                      |    |   |
|--------------------------------------|----|---|
| _____                                | AE | S. MAGWOOD ET AL., "In Vitro Alternatives to Whole Animal Testing. Comparative Cytotoxicity Studies of Divalent Metals in Established Cell Lines Derived From Tropical and Temperate Water Fish Species in a Neutral Red Assay", <i>Marine Environmental Research</i> Vol. 42, No. 1-4, pp. 37-40, 1996 |
| _____                                | AF | H. BABICH ET AL., "In Vitro Cytotoxicity Testing of Aquatic Pollutants (Cadmium, Copper, Zinc, Nickel) Using Established Fish Cell Lines", <i>Ecotoxicology and Environmental Safety</i> 11, pp. 91-99, 1986.   |
| _____                                | AG | RONALD P. HEDRICK, "Two Cell Lines from White Sturgeon", <i>Transactions of the American Fisheries Society</i> 120: 528-534, 1991.  |
| _____                                | AH | M.F. LI ET AL., "Fish cell culture: two newly developed cell lines from Atlantic sturgeon ( <i>Acipenser oxyrinchus</i> ) and guppy ( <i>Poecilia reticulata</i> )", <i>Canadian Journal of Zoology</i> 63: 2867-2874, 1984.  |
| Examiner _____ Date Considered _____ |    |   |